Author Index

Almeida, C.M.N.V.

—, Lapa, R.A.S., Lima, J.L.F.C., Zagatto, E.A.G. and Araújo, M.C.U.

An automatic titrator based on a multicommutated unsegmented flow system. Its application to acid-base titrations 213

Amao, Y.

-, Asai, K. and Okura, I.

Fluorescence quenching oxygen sensor using an aluminum phthalocyanine-polystyrene film 41

Arakawa, H., see Kokado, A. 119

Araújo, M.C.U., see Almeida, C.M.N.V. 213

Asai, K., see Amao, Y. 41

Atsuya, I., see Zhang, Q. 147

Barra, C.M.

—, Cervera, M. Luisa, de la Guardia, M. and Santelli, R.E. Atomic fluorescence determination of inorganic arsenic in soils after microwave-assisted distillation 155

Barták, P.

-, Bednář, P., Kubáček, L. and Stránský, Z.

Advanced statistical evaluation of complex formation constant from electrophoretic data 327

Bednář, P., see Barták, P. 327

Berovič, M., see Vodopivec, M. 105

Blanco, M.

—, Coello, J., Iturriaga, H., Maspoch, S. and Pérez-Maseda, C. Circular dichroism spectra of cyclodextrins-ketoprofen inclusion complexes. Determination of enantiomeric purity 233

—, Coello, J., Iturriaga, H., Maspoch, S. and Pérez-Maseda, C. Determination of polymorphic purity by near infrared spectrometry 247

Bosch-Reig, F., see Doménech-Carbó, A. 275

Caer, J.P.L., see Delaunay, N. 173

Caro de la Torre, M.A.

— and Gómez-Hens, A.

Evaluation of the terbium(III)-sensitized luminescence with benzenepolycarboxylic acids. Determination of terephthalic acid in drink samples 53

Castillo, J.R., see Laborda, F. 301

Catalá Icardo, M.

—, Giménez Romero, D., García Mateo, J.V. and Martínez Calatayud, J.

Flow injection biamperometric determination of chloramine-T in environmental, pharmaceutical and veterinary samples 187

Cervera, M. Luisa, see Barra, C.M. 155

Chaubey, A.

-, Pande, K.K., Singh, V.S. and Malhotra, B.D.

Co-immobilization of lactate oxidase and lactate dehydrogenase on conducting polyaniline films 97

Cheng, G., see Wang, B. 111

Chu, T.-C., see Lu, J.-K. 291

Coello, J., see Blanco, M. 233

Coello, J., see Blanco, M. 247

Costa-Fernández, J.M.

- and Sanz-Medel, A.

Air moisture sensing materials based on the room temperature phosphorescence quenching of immobilized mercurochrome 61

Cromer, M., see Mouginot, Y. 337

Crouch, S.R., see Cullen, T.F. 135

Cullen, T.F.

- and Crouch, S.R.

Factors affecting the accuracy of multicomponent kinetic-spectrophotometric determinations based on multivariate calibration methods 135

de la Guardia, M., see Barra, C.M. 155

De Reu, M., see Vandenabeele, P. 261

Delaunay, N.

-, Pichon, V., Caer, J.P.L. and Hennion, M.C.

Immunoaffinity extraction as a new approach for an improved liquid chromatography-mass spectrometric or fluorimetric determination of okadaic acid in shellfish and algae 173

Deng, J., see Liu, Z. 87

Ding, X.-j.

—, Mou, S.-f., Liu, K.-n., Siriraks, A. and Riviello, J. Ion chromatography of heavy and transition metals by on- and post-column derivatizations 319

Doménech-Carbó, A.

—, Doménech-Carbó, M.T., Moya-Moreno, M., Gimeno-Adelantado, J.V. and Bosch-Reig, F.

Identification of inorganic pigments from paintings and polychromed sculptures immobilized into polymer film electrodes by stripping differential pulse voltammetry 275

Doménech-Carbó, M.T., see Doménech-Carbó, A. 275

Dong, S., see Wang, B. 111

Edwards, H., see Vandenabeele, P. 261

Fuhrmann, B., see He, Z.K. 203

García Mateo, J.V., see Catalá Icardo, M. 187

Giménez Romero, D., see Catalá Icardo, M. 187

Gimeno-Adelantado, J.V., see Doménech-Carbó, A. 275

Gómez-Hens, A., see Caro de la Torre, M.A. 53

Greibrokk, T., see Jara, S. 165

Gresham, G.L., see Stone, M.L. 311

Guo, C., see Yang, X. 45

Haugen, J.-E.

-, Tomic, O. and Kvaal, K.

A calibration method for handling the temporal drift of solid state gas-sensors 23

He, Z.K.

-, Fuhrmann, B. and Spohn, U.

Coulometric microflow titrations with chemiluminescent and amperometric detection of the equivalence points — basic investigations and bromimetric titration of low concentration solutions of arsenite 203

Hennion, M.C., see Delaunay, N. 173

Hoshina, S., see Miyachi, H. 1

Hoshino, H.

—, Suzuki, M., Kan'no, M., Ohmachi, T. and Yotsuyanagi, T. Room temperature phosphorescence characteristics of platinum(II) chelates with 8-quinolinol derivatives in aqueous micellar solutions 71

Ikebukuro, K., see Miyachi, H. 1

Inoue, S., see Zhang, Q. 147

Iturriaga, H., see Blanco, M. 233, 247

Jančar, J., see Vodopivec, M. 105

Jara, S.

-, Lysebo, C., Greibrokk, T. and Lundanes, E.

Determination of phthalates in water samples using polystyrene solid-phase extraction and liquid chromatography quantification 165

Kan'no, M., see Hoshino, H. 71

Karlberg, B., see Moberg, L. 127

Karube, I., see Miyachi, H. 1

Ko, F.-H., see Lu, J.-K. 291

Kokado, A.

-, Arakawa, H. and Maeda, M.

New electrochemical assay of alkaline phosphatase using ascorbic acid 2-phosphate and its application to enzyme immunoassay 119

Kono, M., see Miyachi, H. 1

Kubáček, L., see Barták, P. 327

Kudryavtsev, A.V.

-, Perminova, I.V. and Petrosyan, V.S.

Size-exclusion chromatographic descriptors of humic substances 193

Kvaal, K., see Haugen, J.-E. 23

Laborda, F.

-, Medrano, J. and Castillo, J.R.

Data acquisition of transient signals in inductively coupled plasma mass spectrometry 301

Lapa, R.A.S.

-, Lima, J.L.F.C. and Santos, J.L.M.

Dual-stopped-flow spectrophotometric determination of amiloride hydrochloride in a multicommutated flow system 225

Lapa, R.A.S., see Almeida, C.M.N.V. 213

Lau, O.-W.

- and Shao, B.

Affinity mass sensors: concept and general considerations 11 Lau, O.-W.

- and Shao, B.

Determination of glucose using a piezoelectric quartz crystal and the silver mirror reaction 17

Li, D., see Liu, Z. 87

Lima, J.L.F.C., see Almeida, C.M.N.V. 213

Lima, J.L., see Lapa, R.A. 225

Liu, K.-n., see Ding, X.-j. 319

Liu, S.P.

-, Liu, Z.F. and Luo, H.Q.

Resonance Rayleigh scattering method for the determination of trace amounts of cadmium with iodide-rhodamine dye systems 255

Liu, Z.

-, Deng, J. and Li, D.

A new tyrosinase biosensor based on tailoring the porosity of Al₂O₃ sol-gel to co-immobilize tyrosinase and the mediator 87

Liu, Z.F., see Liu, S.P. 255

Lu, J.-K.

—, Ko, F.-H., Chu, T.-C., Sun, Y.-C., Wang, M.-Y. and Wang, T.-K.

Evaluation of cleaning efficiency with a radioactive tracer and development of a microwave digestion method for semiconductor processes 291

Lundanes, E., see Jara, S. 165

Luo, H.Q., see Liu, S.P. 255

Lysebo, C., see Jara, S. 165

Maeda, M., see Kokado, A. 119

Malhotra, B.D., see Chaubey, A. 97

Martínez Calatayud, J., see Catalá Icardo, M. 187

Maspoch, S., see Blanco, M. 233, 247

Medrano, J., see Laborda, F. 301

Minami, H., see Zhang, Q. 147

Miyachi, H.

—, Yano, K., Ikebukuro, K., Kono, M., Hoshina, S. and Karube,

Application of chimeric RNA-DNA oligonucleotides to the detection of pathogenic microorganisms using surface plasmon resonance 1

Moberg, L.

- and Karlberg, B.

An improved N,N'-diethyl-p-phenylenediamine (DPD) method for the determination of free chlorine based on multiple wavelength detection 127

Moens, L., see Vandenabeele, P. 261

Morlay, C., see Mouginot, Y. 337

Mou, S.-f., see Ding, X.-j. 319

Mouginot, Y.

-, Morlay, C., Cromer, M. and Vittori, O.

Potentiometric study of copper(II) and nickel(II) complexation

by a cross-linked poly(acrylic acid) gel 337

Moya-Moreno, M., see Doménech-Carbó, A. 275

Ohmachi, T., see Hoshino, H. 71 Okura, I., see Amao, Y. 41

Pande, K.K., see Chaubey, A. 97

Pérez-Maseda, C., see Blanco, M. 233, 247

Peng, Y., see Qin, W. 81

Perminova, I.V., see Kudryavtsev, A.V. 193

Petrosyan, V.S., see Kudryavtsev, A.V. 193

Pichon, V., see Delaunay, N. 173

Podgornik, A., see Vodopivec, M. 105

Polson, L.A., see Stone, M.L. 311

Qin, W.

-, Zhang, Z. and Peng, Y.

Plant tissue-based chemiluminescence flow biosensor for urea 81

Riviello, J., see Ding, X.-j. 319

Štrancar, A., see Vodopivec, M. 105

Santelli, R.E., see Barra, C.M. 155

Santos, J.L.M., see Lapa, R.A.S. 225

Sanz-Medel, A., see Costa-Fernández, J.M. 61

Shao, B., see Lau, O.-W. 11, 17

Singh, V.S., see Chaubey, A. 97

Siriraks, A., see Ding, X.-j. 319

Spohn, U., see He, Z.K. 203

Stone, M.L.

-, Gresham, G.L. and Polson, L.A.

Characterization of two polyphosphazene materials as membranes in membrane induction mass spectrometry 311

Stránský, Z., see Barták, P. 327

Sun, Y.-C., see Lu, J.-K. 291

Suzuki, M., see Hoshino, H. 71

Tomic, O., see Haugen, J.-E. 23

Van Hooydonk, G., see Vandenabeele, P. 261

Vandenabeele, P.

—, Wehling, B., Moens, L., Edwards, H., De Reu, M. and Van Hooydonk, G.

Analysis with micro-Raman spectroscopy of natural organic binding media and varnishes used in art 261

Vittori, O., see Mouginot, Y. 337

Vodopivec, M.

—, Berovič, M., Jančar, J., Podgornik, A. and Štrancar, A. Application of Convective Interaction Media disks with immobilised glucose oxidase for on-line glucose measurements 105

Wang, B.

-, Zhang, J., Cheng, G. and Dong, S.

Amperometric enzyme electrode for the determination of hydrogen peroxide based on sol-gel/hydrogel composite film

Wang, K., see Yang, X. 45

Wang, M.-Y., see Lu, J.-K. 291

Wang, T.-K., see Lu, J.-K. 291

Wehling, B., see Vandenabeele, P. 261

Yang, X.

-, Wang, K. and Guo, C.

A fluorescent optode for sodium ion based on the inner filter effect 45

Yano, K., see Miyachi, H. 1

Yotsuyanagi, T., see Hoshino, H. 71

Zagatto, E.A.G., see Almeida, C.M.N.V. 213

Zhang, J., see Wang, B. 111

Zhang, Q.

-, Minami, H., Inoue, S. and Atsuya, I.

Determination of ultra-trace amounts of cobalt in seawater by graphite furnace atomic absorption spectrometry after pre-concentration with Ni/8-quinolinol/1-nitroso-2-naphthol complex 147

Zhang, Z., see Qin, W. 81

